

R E M A R K S

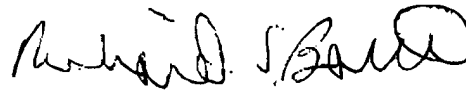
Claims 1, 2, 7 and 8 were amended hereinabove to provide antecedent basis for certain terminology.

Enclosed is a MARKED-UP VERSION OF THE AMENDMENTS TO THE CLAIMS.

If the Examiner has any comments, questions, objections or recommendations, the Examiner is invited to telephone the undersigned at the telephone number given below for prompt action.

Frishauf, Holtz, Goodman
& Chick, P.C.
767 Third Ave., 25th Floor
New York, NY 10017-2023
Tel. No. (212) 319-4900
Fax No.: (212) 319-5101
RSB/ddf

Respectfully submitted,



Richard S. Barth
Reg. No. 28,180

E-Mail Address: BARTH@FHGC-LAW.COM

Enc.: MARKED-UP VERSION OF THE AMENDMENTS TO THE CLAIMS

MARKED-UP VERSION OF THE AMENDMENTS TO THE CLAIMS

1. (Four Times Amended) A method of analyzing a target nucleic acid by applying a nucleic acid amplification reaction to a test solution, wherein an amplified product is labeled with a marker molecule, said method comprises:

(a) performing a nucleic acid amplification reaction of the target nucleic acid in a test solution containing a forward primer and a reverse primer, a substrate comprising nucleotides, a nucleic acid polymerase and a target nucleic acid [molecule], wherein the number of one of the forward primer and the reverse primer is lower than that of the other primer, and the primer present in a lower number is labeled with a marker molecule capable of generating a detectable signal to form a labeled primer;

(b) measuring a signal from the marker molecule in the test solution after initiation of the nucleic acid amplification reaction;

(c) evaluating a fluctuation motion of the amplified nucleic acid which is labeled with the marker molecule, in the test solution on the basis of the signal detected; and

(d) quantifying the target nucleic acid [molecule] on the basis of evaluation results.

2. (Thrice Amended) A method according to claim 1, wherein the measurement step includes a step of measuring an amount of

the marker molecule present in a predetermined micro detection field, said marker molecule being contained in the labeled primer attached to the target nucleic acid.

7. **(Thrice Amended)** A method according to any one of claims 1 to 5, wherein the quantifying of the target nucleic acid [molecule] includes determining the presence and absence of the marker molecule of the labeled primer attached to the target nucleic acid and incorporated into products of the nucleic acid amplification reaction on the basis of the evaluation results.

8. **(Thrice Amended)** The method according to any one of claims 1 to 5, wherein the quantifying of the target nucleic acid [molecule] includes determining the number of the labeled primer attached to the target nucleic acid and incorporated into products of the nucleic acid amplification reaction on the basis of the evaluation results.